IN THE CLAIMS

Please replace any previous listing of the claims with the following replacement listing of the claims:

Replacement Listing of the Claims

1.   (CURRENTLY AMENDED) A method of source control, comprising:

operating a source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control, wherein said source control system controls versioning of objects;

enabling in said source control system a ~~level~~control level of source control from a selection of a plurality of ~~level~~control levels of source control, wherein said plurality of ~~level~~control levels comprise a first ~~level~~control level and a second ~~level~~control level that contains one or more features not contained in said first ~~level~~control level; and

automatically or manually setting a version number of ~~an~~a first object of said objects ~~of said source control system~~, depending on said enabled ~~level~~control level, wherein said first object is a control strategy loadable to said controller to provide said process control.

2.   (CURRENTLY AMENDED) The method according to claim 1, further comprising:

providing a capability to switch said enabled ~~level~~control level of source control to another of said ~~level~~control levels of source control.

3.   (CURRENTLY AMENDED) The method according to claim 1, wherein automatically setting said version number is based on a degree of change to said first object.

2

4.   (CURRENTLY AMENDED) The method according to claim 1, further comprising:

    storing attributes associated with said ~~first~~ object in a database.

5.   (CANCELED)

6.   (CURRENTLY AMENDED) The method according to claim 1, wherein said plurality of ~~level~~control levels of source control comprises ~~level~~control level none, ~~level~~control level basic, and ~~level~~control level full.

7.   (CURRENTLY AMENDED) The method according to claim 6, wherein for said ~~level~~control level none, said method further comprises:

    receiving user-entered text for said version number;

    setting a created-by name set upon receiving a first save changes request;

    setting a modified-by name upon receiving a save changes request;

    setting a date-created date upon receiving said first save changes request; and

    setting a version date upon receiving said save changes request.

8.   (CURRENTLY AMENDED) The method according to claim 6, wherein for said ~~level~~control level basic, said method further comprises:

    automatically incrementing said version number upon receiving a save changes request, including a first save changes request;

    setting a created-by name upon receiving said first save changes request;

    setting a modified-by name upon receiving said save changes request, including a first save changes request;

    setting a date-created date upon receiving said first save changes request;

setting a version date upon receiving said save changes request, including a first save changes request; and

displaying said version number.

9.   (ORIGINAL) The method according to claim 8, wherein said version number is incremented differently for minor changes than for major changes.

10.   (CURRENTLY AMENDED) The method according to claim 6, wherein for said ~~level~~control level full, said method further comprises:

supporting a qualification life cycle model;

providing a version control system toolbar and menu;

automatically incrementing said version number upon check-in, including a first check-in wherein said version number is generated;

displaying said version number;

setting a created-by name upon said first check-in;

setting a modified-by name upon said check-in, including said first check-in;

setting a date-created date upon said check-in, including said first check-in;

setting a version date upon said check-in;

receiving a check-in comment; and

providing a version history and audit trail.

11.   (ORIGINAL) The method according to claim 10, wherein said version number is incremented differently for minor changes than for major changes, according to user preferences.

12.   (CURRENTLY AMENDED) A process control system, comprising:

a network coupling a computer to a controller that communicates with one or more devices to provide process control;

4

a wherein said computer comprising comprises a source control system with a selectable levelcontrol level of source control for at least one control strategythat is selected from a plurality of levelcontrol levels of source control, wherein said plurality of levelcontrol levels comprise a first levelcontrol level and a second levelcontrol level that contains one or more features not contained in said first levelcontrol level, wherein said source control system controls versioning of at least one control strategy for said process control; and

a network coupling said computer to a controller that communicates with one or more devices to provide process control;

wherein said at least one control strategy in said source control system is loadable from said computer to said controller to provide said process control according to said control strategy.

13.   (ORIGINAL) The system according to claim 12, further comprising:

a database to store source control information associated with said at least one control strategy, including a version number.

14.   (CURRENTLY AMENDED) The system according to claim 13, wherein said selectable levelcontrol level of source control is no source control and further wherein a version number is entered manually when said at least one control strategy is saved.

15.   (CURRENTLY AMENDED) The system according to claim 13, wherein said selectable levelcontrol level of source control is basic source control and further wherein a version number is automatically incremented when said at least one control strategy is saved.

16.   (CURRENTLY AMENDED) The system according to claim 13, wherein said selectable levelcontrol level of source control is full source control and further wherein a version number is automatically incremented when said at least one control strategy is checked-in.

17.   (CURRENTLY AMENDED) The system according to claim 12, wherein said selectable ~~level~~<u>control level</u> of source control is selected from the group consisting of: a preference, a license, an installation configuration, and a user interface.

18.   (CURRENTLY AMENDED) A method for providing a source control system for a process control system, comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control<u>, wherein said source control system controls versioning of objects</u>;

receiving in said source control system a selection from a plurality of ~~level~~<u>control level</u>s of source control for ~~an~~<u>first</u> object<u> of said objects</u> ~~of said source control system~~;

providing a user-enterable version number when said <u>first</u> object is stored, if said selection is a first ~~level~~<u>control level</u> of said plurality of ~~level~~<u>control level</u>s of source control; and

providing an automatically incremented version number when said <u>first</u> object is stored, if said selection is a second ~~level~~<u>control level</u> of said plurality of ~~level~~<u>control level</u>s of source control, wherein said <u>first</u> object is a control strategy loadable to said controller to provide said process control.

19.   (CURRENTLY AMENDED) The method according to claim 18, further comprising:

providing an automatically incremented version number when said <u>first</u> object is checked-in, if said selection is a third ~~level~~<u>control level</u> of said plurality of ~~level~~<u>control level</u>s of source control.

20.   (CURRENTLY AMENDED) The method according to claim 18, further comprising:

changing said selection to another of said plurality of ~~level~~control levels of source control.

21.   (ORIGINAL) The method according to claim 18, further comprising:
updating attributes of said object based on said selection.

22.   (CURRENTLY AMENDED) A computer readable medium having executable instructions stored thereon to perform a method of providing configurable ~~level~~control levels of support for a source control system, said method comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control;

receiving a request for a ~~level~~control level of support for at least one control strategy ~~of~~ for said ~~source~~ process control ~~system~~;

determining whether a full ~~level~~control level of source control of a plurality of ~~level~~control levels of source control is licensed for said at least one control strategy;

determining whether an option for a basic ~~level~~control level of said plurality of ~~level~~control levels of source control is selected for said at least one control strategy;

setting said ~~level~~control level of support to full, if said full ~~level~~control level of source control is licensed; and

setting said ~~level~~control level of support to basic if said option is selected, wherein said at least one control strategy is loadable from said computer to said controller to provide said process control according to said at least one control strategy.

23.   (CURRENTLY AMENDED) The computer readable medium according to claim 22, wherein a default for said ~~level~~control level of support is none.

7

24.　(CURRENTLY AMENDED) A computer readable medium having executable instructions stored thereon to perform a method of changing configurable ~~level~~control levels of source control for a source control system, said method comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control, wherein said source control system controls versioning of objects;

receiving a request from a user to change a ~~level~~control level of source control of ~~an~~a first object of said objects;

determining whether a full ~~level~~control level of source control is licensed for said first object;

determining whether said request is to change said requested ~~level~~control level from a ~~level~~control level of source control of none to basic;

determining whether said request is to change said requested ~~level~~control level from a ~~level~~control level of source control of basic to none;

performing said request when said request is to change said requested ~~level~~control level from none to basic or from basic to none to a new ~~level~~control level of source control; and

storing said new ~~level~~control level of source control for said first object, which is loadable from said computer to said controller to provide said process control according to said first object.

25.　(CURRENTLY AMENDED) A computer readable medium having executable instructions stored thereon to perform a method of updating version attributes based on a ~~level~~control level of source control, said method comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control, wherein said source control system controls versioning of objects;

determining a selected one of a plurality of ~~level~~control levels of source control that comprises a basic ~~level~~control level and a full ~~level~~control level by:

determining whether said full ~~level~~control level of source control of ~~an~~ a first object of said objects ~~said source control system~~ is licensed;

determining whether said basic ~~level~~control level is selected;

receiving a save changes request for said first object;

determining whether said first object is new;

setting a version number to a first version number, when said first object is new;

updating version attributes of said first object according to whether said full ~~level~~control level is licensed and whether said basic ~~level~~control level is selected; and

incrementing said version number, when said first object is not new and when said full ~~level~~control level is not licensed, wherein said first object is loadable from said computer to said controller to provide said process control according to said object.

9